

ABSTRACT OF THE INVENTION

A stray light correction method for imaging light and color measurement system. An image is recorded using a solid-state light detector array such as a charge-coupled device, so that a gray level value for each pixel of the solid-state light detector array is obtained. An average gray level value of the solid-state light detector array is calculated based on the gray level value for each pixel. The average gray level value is multiplied with a stray light factor to obtain a correction value. The gray level value of each pixel is then subtracted with the correction value, so as to eliminate the stray light effect.

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